

Amendments to the Specification:

Kindly replace the first paragraph on page 1 with the following:

-- The present application represents a National Stage application of PCT/US2005/023606 filed July 1, 2005 entitled "A Sensor System for Measuring an Electric Potential Signal of an Object", and claims the benefit of U.S. Provisional Patent Application Serial No. 60/584,146 filed July 1, 2004 entitled "Method to Reduce the Effect of Static Potentials in Capacitive Measurements. --